

## Positions Available

### INFORMATION ON PLACING CLASSIFIED ADVERTISEMENTS

NEURON publishes advertisements for positions available and for announcements of courses, conferences, and symposia. The 1996 rates are \$175 for a quarter page, \$305 for a half page, and \$575 for a full page. We will accept camera-ready materials by mail, or copy to be typeset by mail or fax. If you choose to have your ad typeset by NEURON, the size of the ad will be determined by the number of words. Quarter-page ads contain up to 130 words, half-page ads contain 131-240 words, and full-page ads contain 241-500 words. Camera-ready ads must be surrounded by a line border in one of the following dimensions: quarter-page - 3" by 4 1/2"; half-page - 6 1/2" by 4 1/2" (horizontal), 3" by 9 1/4" (vertical); full-page - 6 1/2" by 9 1/4". Typesetting deadlines are as follows:

PUBLISHING DATE	DEADLINE
January 26, 1996 .....	December 27, 1995
February 23, 1996 .....	January 24, 1996
March 22, 1996 .....	February 21, 1996
April 19, 1996 .....	March 20, 1996

Send all advertising materials to:

Jennifer Oneglia  
Cell Press  
1050 Massachusetts Avenue  
Cambridge, MA 02138  
Tel: (617) 661-7057 X132 ♦ Fax: (617) 661-7061

### Fellowship in Experimental Neuro-Oncology

Two one to two year fellowships in Experimental Neuro-Oncology are offered for qualified M.D., Ph.D., and M.D./Ph.D. applicants interested in a research career in Neuro-Oncology. Individuals will work with and in the laboratory of a specific scientist within the Neuro-Oncology Program of the Mayo Comprehensive Cancer Center, Rochester, MN. The areas of potential investigation include, but are not limited to, signal transduction, molecular genetics, developmental pharmacology, and experimental epidemiology.

Interested individuals should send copies of their curriculum vitae and bibliography and two letters of reference to:

B.P. O'Neill, M.D.  
Department of Neurology  
Mayo Clinic  
200 First Street SW  
Rochester, MN 55905

*Mayo Foundation is an affirmative action and equal opportunity educator and employer.*

### Postdoctoral Research Associates Ion Channels

Positions available to study:

(1) modulation of ion channels and hormone secretion. Simultaneous  $Ca^{2+}$  current, membrane capacitance and microfluorimetric  $[Ca^{2+}]$  recordings are used to investigate neuropeptide and second messenger control of secretion by single pituitary cells.

(2) regulation of ion channel expression and assembly in cardiac, pituitary and neural cells.

Experience with patch clamping (1) or molecular biology (2) is required. Send curriculum vitae and 3 names for references to:

Edwin Levitan, Ph.D.  
E1355 Biomedical Science Tower  
Department of Pharmacology  
University of Pittsburgh  
Pittsburgh, PA 15261

*The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer.*

### POSTDOCTORAL ASSOCIATE POSITION UNIVERSITY OF CALIFORNIA LOS ANGELES

A position is available to study the neuronal regulation of pre-mRNA splicing. The main project in the lab studies the regulation of a neural-specific exon in the c-src gene (see D.L. Black, Cell 69 795-807 (1992) and Min et al., Genes and Devel. 9 2660-2672 (1995)). New projects are analyzing other regulated splicing events in the nervous system.

Experience in Protein and Nucleic Acid Biochemistry, recombinant DNA techniques and cell culture is helpful but all strong candidates will be considered.

Please send a curriculum vitae, a summary of research interests and the names of three references to:

Douglas L. Black  
Department of Microbiology  
& Molecular Genetics

UCLA  
5-748 MacDonald Building  
Box 951662  
Los Angeles, CA 90095-1662

EOE

## Positions Available

### **FACULTY POSITIONS IN NEUROBIOLOGY**

#### **University of Maryland School of Medicine Department of Anatomy**

The Department of Anatomy is undergoing major expansion and rebuilding. New faculty are being recruited in neurobiology. Positions are available at all ranks.

The Department is located in a newly opened building. Significant expansion of research resources is underway, including core laboratories in molecular biology, tissue culture, neuroanatomy, imaging, and neurophysiology.

Successful candidates will have a Ph.D. or equivalent, outstanding ability in teaching, and exceptional achievement in their field of research, including the potential to attract external funding. Investigators in the Department use approaches ranging from molecular biology to behavior but the common focus is understanding the *organization, function, and development* of neural networks. We particularly encourage applicants investigating the:

- interplay of gene expression and neural activity in neural network development.
- neurobiological bases of learning and memory.
- development and functional organization of chemosensory systems.


The Department teaches a 9.5 week course - "Structure & Development" in the medical school curriculum. New faculty are expected to participate 3 - 5 weeks in this team taught course. Graduate teaching is also encouraged.

For best consideration, applications should be received before February 1, 1996. Candidates should send a Curriculum Vitae, summary of research accomplishments and goals, and the names of 3 - 5 individuals from whom recommendations may be obtained to:



**Dr. David V. Smith  
Chair, Faculty Search Committee  
Department of Anatomy  
University of Maryland  
School of Medicine  
655 West Baltimore Street  
Baltimore, MD 21201-1559**

*The Department is eager to diversify its faculty. We encourage minorities and women to apply. The University of Maryland is an AA/EEO/ADA employer.*

## Positions Available



# Neuroscience at Cold Spring Harbor

### 1996 Meetings on Neurobiology

<b>61st Symposium: Function &amp; Dysfunction in the Nervous System</b> <b>May 29 - June 5</b> Bruce Stillman Abstract Deadline, March 13, 1996	<b>Learning &amp; Memory</b> <b>October 2 - 6</b> Per Anderson, Eric Kandel, Richard F. Thompson, Susumu Tonegawa Abstract Deadline, July 17, 1996
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### 1996 Neurobiology Courses

*Application Deadline: March 15, 1996*

<b>Molecular Approaches to Ion Channel Biology</b> <b>June 7 - 27</b> John Caldwell, Rock Levinson, Robert Maue	<b>Molecular Cloning of Neural Genes</b> <b>July 1 - 21</b> Jim Boulter, Robert Darnell, Nathaniel Heintz
<b>Genetic-Epidemiologic Studies of Complex Diseases</b> <b>June 11 - 18</b> Neil Risch, Elizabeth Squires-Wheeler	<b>Genetics of Behavior and Neurobiology of <i>Drosophila</i></b> <b>July 1 - 21</b> Nipam Patel, Barbara Taylor, Tim Tully
<b>Neurobiology of Human Neurological Disease: Mechanisms of Neurodegeneration</b> <b>June 20 - 26</b> Sam Gandy, William Mobley, Stan Prusiner	<b>Neurobiology: Brain Development &amp; Function</b> <b>July 14 - 27</b> Ronald McKay, Erin Schuman
<b>Computational Neuroscience: Vision</b> <b>June 28 - July 11</b> David Heeger, Michael Shadlen, Eero Simoncelli	<b>Imaging Structure &amp; Function in the Nervous System</b> <b>July 24 - August 13</b> Arthur Konnerth, Fred Lanni, Rafael Yuste

Meetings & Courses Office

## Cold Spring Harbor Laboratory

1 Bungtown Road, PO Box 100  
 Cold Spring Harbor, N.Y. 11724-2213  
 Email: [meetings@csih.org](mailto:meetings@csih.org) Fax: (516) 367-8845  
 Phone: (516) 367-8346 Website: <http://www.csih.org/>

### Postdoctoral Positions Harvard Medical School

A funded position in the characterization and functional analysis of novel tyrosine kinases and phosphatases in brain. A significant program exists in the field of signal transduction in the central nervous system.

Applicants should have a Ph.D. and/or M.D. with a strong background (and experience) in neurobiochemistry/neuropharmacology and cellular neurobiology applied to primary brain tissue culture and signal transduction.

Send or fax curriculum vitae, a short statement of interests and three references to:

**Shalom Avraham, M.D., Ph.D.**  
**Assistant Professor**  
**Harvard Medical School**  
**Deaconess Hospital**  
**One Deaconess Road**  
**Boston, MA 02215**

Fax: 617-424-6237

### Faculty Position in Neurobiology Harvey Mudd College

Tenure-track position (rank open) to begin Fall 1996 for a neurobiologist with experience in electrophysiology and expertise in another area of neurobiology (e.g., neuronal development, molecular biology, computational neurobiology). Ph.D. and postdoctoral experience required. We seek a candidate with broad knowledge for excellent undergraduate teaching and commitment to active research involving undergraduates. Teaching responsibilities may include the animal physiology parts of introductory biology and general physiology, and advanced courses. Harvey Mudd College, one of the Claremont Colleges, is a highly selective, private college of science and engineering. Send letter, description of research and teaching interests, and CV, and have three letters of reference sent to:

**Dr. Stephen Adolph, Dept. of Biology,**  
**Harvey Mudd College, 301 E. 12th St.,**  
**Claremont, CA 91711.**

E-mail: [stephen\\_adolph@hmc.edu](mailto:stephen_adolph@hmc.edu).

Application review begins December 15, 1995.

*HMC is an Equal Opportunity Employer*

## Positions Available

### Postdoctoral Position in Neurobiology

#### University of Heidelberg, Germany

A postdoctoral position is available to study the function of transcription factor proteins (Jun, Fos, CREB, ATF) and the kinases involved in their activation (MAP kinase pathways, cellular stress response) in neurodegenerative disorders. Our research bridges between molecular genetics and neurobiology of animals (rat or mouse). Experience in brain research is desirable but the major education is on vector constructs and gene targeting, and on effects of kinases on transcription factor activation. The position is available from January 1996 for two years with an option for extension. Annual salary is around 70.000 DM.

Send curriculum vitae and name and phone numbers of two references to:

Dr. Thomas Herdegen  
II. Institute of Physiology  
University of Heidelberg  
Im Neuenheimer Feld 326  
69120 Heidelberg

## Conferences and Courses

### Chemical Senses Neuroscientist University of Washington

**Tenure-track Assistant Professor** position in the Department of Otolaryngology-Head and Neck Surgery at the **University of Washington**. Candidate should be a Ph.D. or M.D. with postdoctoral training. Preferred research interests are cellular, molecular, or developmental problems in the olfactory system. The candidate will hold a joint appointment in the basic science department appropriate to his or her research interests and will participate in the teaching functions of that department.

Please send a curriculum vitae, a brief statement of research interests, and the names and addresses of three references to:

Marc D. Coltrera, M.D.  
Associate Professor  
Department of Otolaryngology-  
Head and Neck Surgery  
University of Washington, Box 356515  
Seattle, WA 98195-6515

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Action/Equal Opportunity Employer.*



## THE 1996 KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY PRESENTS...

### CELL POLARITY

Organizers: K. Mostov and P. De Camilli  
February 1 - 7 • Lake Tahoe, California  
Sponsored by Corning Costar Corporation

### ION CHANNELS AS THERAPEUTIC TARGETS

Organizers: M. Cahalan, G. Chandy, D. Hanson and A. North  
February 4 - 10 • Tamaron, Colorado  
Sponsored by Pfizer Inc.

### NEURAL PEPTIDES

Organizers: R. Mains, J. Battey and R. Steiner  
February 8 - 14 • Lake Tahoe, California

For more information, contact

Keystone Symposia • Drawer 1630 • Silverthorne, CO 80498  
Phone: 970-262-1230 • Fax: 970-262-1525 • E-mail: [symposia@keystone.org](mailto:symposia@keystone.org)